

Exhibit B - Alignments showing that the Shaner et al. proteins have at least 80% identity with SEQ ID NO:12.

SeqA Name	Len(aa)	SeqB Name	Len(aa)	Score
1 SEQ_ID_12	225	2 mHomeydew	225	83
1 SEQ_ID_12	225	3 mBanana	236	80
1 SEQ_ID_12	225	4 mOrange	236	82
1 SEQ_ID_12	225	5 dTomato	234	89
1 SEQ_ID_12	225	6 tdTomato	476	89
1 SEQ_ID_12	225	7 mTangerine	225	84
1 SEQ_ID_12	225	8 mStrawberry	236	80
1 SEQ_ID_12	225	9 mCherry	236	81

```

SEQ_ID_12      MRS-SKN----VIKEFMRFKVRMEGTVN----- 23
mOrange        MVSKGEENNMAIIKEFMRFKVRMEGSVN----- 28
mStrawberry    MVSKGEENNMAIIKEFMRFKVRMEGSVN----- 28
mBanana        MVSKGEENNMAVIKEFMRFKVRMEGSVN----- 28
mCherry        MVSKGEEDNMAIIKEFMRFKVHMEGSVN----- 28
mHomeydew      MASSED----VIKEFMRFKVRMEGSVN----- 23
mTangerine     MASSED----VIKEFMRFKVRMEGSVN----- 23
dTomato        MVSKGEE----VIKEFMRFKVRMEGSMN----- 24
tdTomato       MVSKGEE----VIKEFMRFKVRMEGSMNGHEFEIEGEGEGRPYEGTQTAKLKVTGGPLP 56
* * .. :*****:***:.*

```

```

SEQ_ID_12      -----
mOrange        -----
mStrawberry    -----
mBanana        -----
mCherry        -----
mHomeydew      -----
mTangerine     -----
dTomato        -----
tdTomato       FAWDILSPQFMYGSKAYVKHPADIPDYKKLSFPEGFKWERVMNFEDGGLVTVTQDSSLQD 116

```

```

SEQ_ID_12      -----
mOrange        -----
mStrawberry    -----
mBanana        -----
mCherry        -----
mHomeydew      -----
mTangerine     -----
dTomato        -----
tdTomato       GTLIYKVKMRGTNFPDPGPMQKKTMGWEASTERLYPRDGVLKGEIHQALKLKDGGHYLV 176

```

```

SEQ_ID_12      -----
mOrange        -----
mStrawberry    -----
mBanana        -----
mCherry        -----
mHomeydew      -----
mTangerine     -----
dTomato        -----
tdTomato       EFKTIYMAKKPVQLPGYYYVDTKLDITSHNEDYTIVEQYERSEGRHHLFLGHGTGSTGSG 236

```

SEQ_ID_12	LVEFKSIYMAKKPVQLPGYYVDSKLDITSHNEDYTIVEQYERTEGRHHLFL----	225
mOrange	TSEVKTTYKAKKPVQLPGAYIVGIKLDITSHNEDYTIVEQYERAEGRHSTG--GMDELYK	236
mStrawberry	DAEVKTTYKAKKPVQLPGAYIVGIKLDITSHNEDYTIVELYERAEGRHSTG--GMDELYK	236
mBanana	SAETKTTYKAKKPVQLPGAYIAGEKIDITSHNEDYTIVELYERAEGRHSTG--GMDELYK	236
mCherry	DAEVKTTYKAKKPVQLPGAYNVNIKLDITSHNEDYTIVEQYERAEGRHSTG--GMDELYK	236
mHoneydew	DAEVKTTYMAKKPVQLPGAYKIDGKLDITSHNEOYTIVEQYERAEGRHSTG--A-----	225
mTangerine	DAEVKTTYMAKKPVQLPGAYKTDIKLDITSHNEDYTIVELYERAEGRHSTG--A-----	225
dTomato	LVEFKTIYMAKKPVQLPGYYVDTKLDITSHNEDYTIVEQYERSEGRHHLFLYGMDELYK	234
tdTomato	LVEFKTIYMAKKPVQLPGYYVDTKLDITSHNEDYTIVEQYERSEGRHHLFLYGMDELYK	476